

NPIC/TDS/D-1176-67  
15 December 1967

MEMORANDUM FOR: Chief, Support Staff, NPIC

SUBJECT: Rear Projection Screen Material

1. At the Czechoslovakian exhibit at Expo '67, a rear projection screen material was used as a display medium which appeared to exhibit greater performance characteristics than any known existing materials. NPIC, through its Improved Rear Projection Screen Contract with Corning Glass Works, has tried unsuccessfully to obtain samples of the material. It is, therefore, requested that the Agency through the appropriate mechanism, purchase the material directly.

2. The finished screen material consists of a liquid material coated on a substrate. The screens known as "Marata Disks" [redacted] 25X1

[redacted] The fluid is pro- 25X1  
duced and furnished [redacted] 25X1  
[redacted] 25X1

3. Ideally, a piece of material 30 inches by 30 inches should be obtained; however, if it is impractical to obtain material in such large sizes, a piece as small as 12 inches square would be beneficial. The material will be used in a rear projection display--a use which is unclassified--and may cost as much as \$100.

4. TDS plans to extensively evaluate the material to determine if it is superior to the projection screens now being used. The existing screens are the weakest link in the rear projection system and their improvement would substantially increase the performance of these systems.

5. If further information is required on this subject, please contact [redacted] 25X1

[redacted] 25X1  
Colonel, USAF  
Assistant for Technical Development, NPIC

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